Amendments To Claims

1-24 (Cancelled).

25. (New) An e-service system, comprising:

client machine that generates a request pertaining to a set of data such that the request is specified using an agent communication language (ACL) having a structured query language (SQL) as a constraint language;

web server having an ACL interpreter that enables access to the data in response to the request.

26. (New) The e-service system of claim 25, wherein the request has a syntax of an extensible markup language (XML).

27. (New) The e-service system of claim 25, wherein the ACL interpreter translates the request into an input to a common gateway interface (CGI) script.

28. (New) The e-service system of claim 25, wherein the ACL is a knowledge query manipulation language (KQML) agent communication language.

29. (New) The e-service system of claim 25, wherein the ACL is a foundation for intelligent physical agents (FIPA) agent communication language.

30. (New) A web server for an e-service system, comprising an ACL interpreter that enables access to a set of data in response to a request pertaining to the data such that the request is specified using an agent communication language (ACL) having a structured query language (SQL) as a constraint language.

31. (New) The web server of claim 30, wherein the request has

a syntax of an extensible markup language (XML).

32. (New) The web server of claim 30, wherein the ACL interpreter translates the request into an input to a common gateway interface (CGI) script.

33. (New) The web server of claim 30, wherein the ACL is a knowledge query and manipulation language (KQML) agent communication language.

34. (New) The web server of claim 30, wherein the ACL language is a foundation for intelligent physical agents (FIPA) agent communication language.

35. (New) A method for e-service, comprising:

generating a request pertaining to a set of data such that the request is specified using an agent communication language (ACL) having a structured query language (SQL) as a constraint language;

accessing the data in response to the request by interpreting the ACL.

36. (New) The method of claim 35, wherein generating a request comprises generating a request using an extensible markup language (XML) as a syntax for the request.

37. (New) The method of claim 35, wherein interpreting the ACL includes translating the request into an input to a common gateway interface (CGI) script.

38. (New) The method of claim 35, wherein generating a request comprises generating a request such that the request is specified using a knowledge query manipulation language (KQML) agent communication language.

39. (New) The method of claim 35, wherein generating a request comprises generating a request such that the request is specified using a foundation for intelligent physical agents (FIPA) agent communication language.